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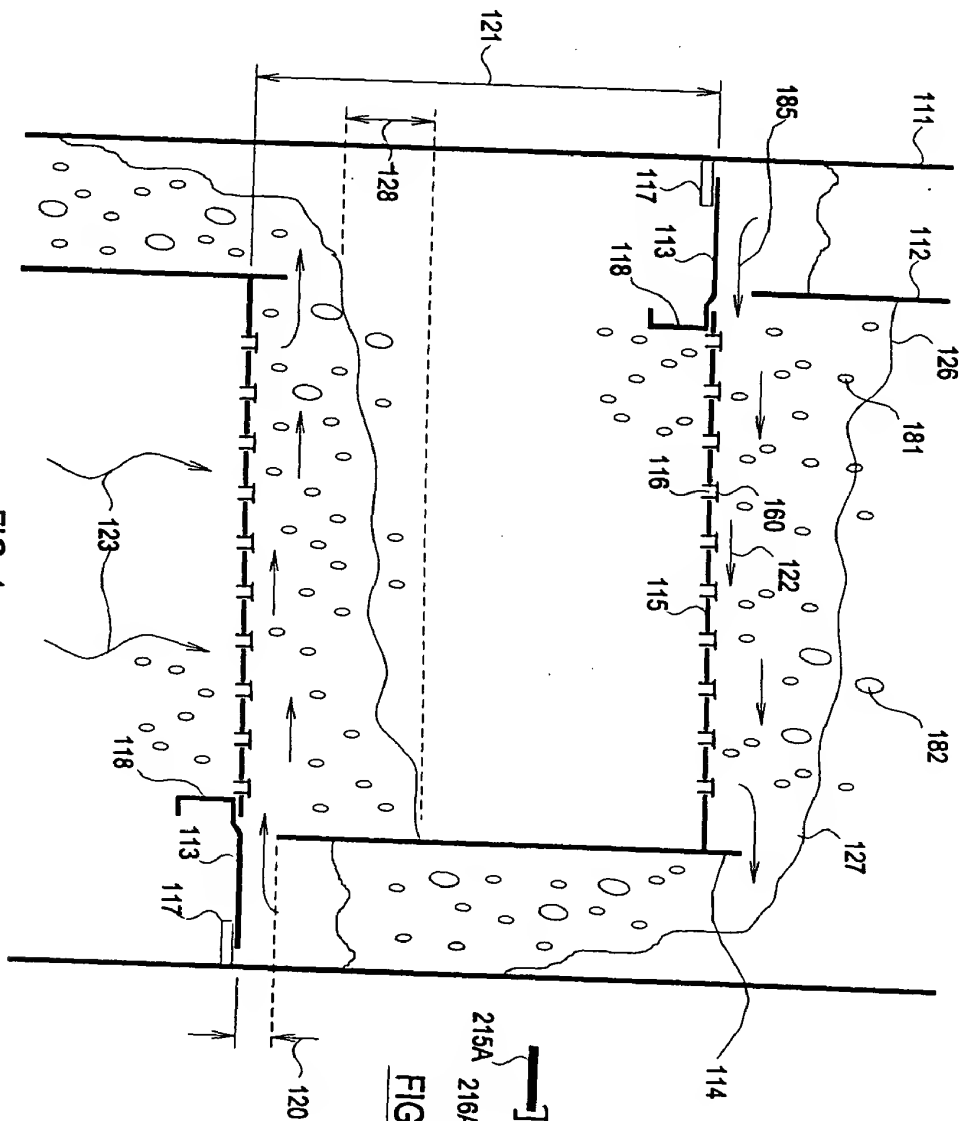


FIG. 1

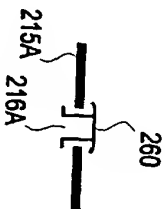


FIG. 2A

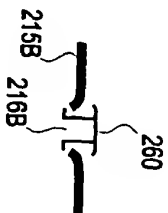


FIG. 2B

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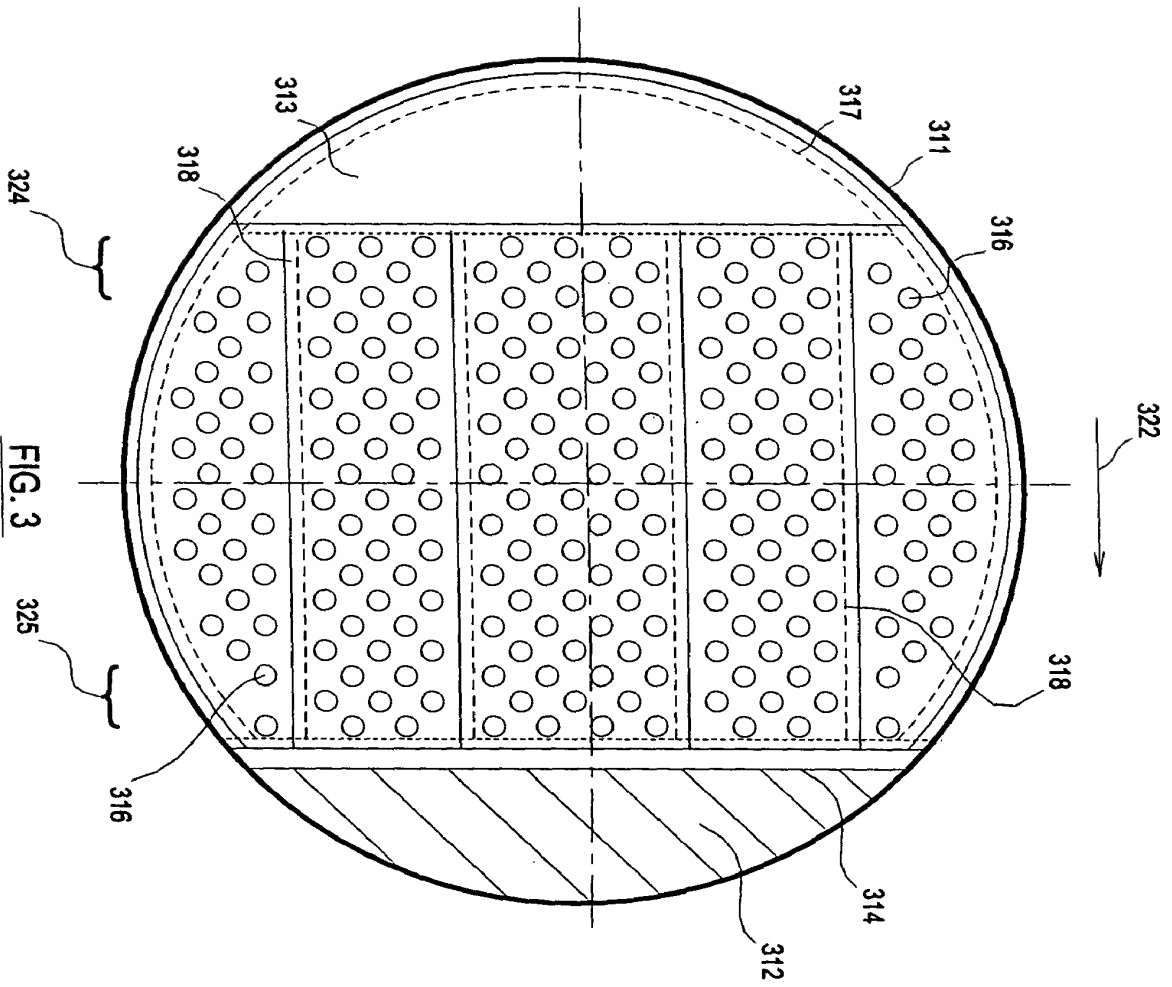


FIG. 3

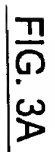


FIG. 3A





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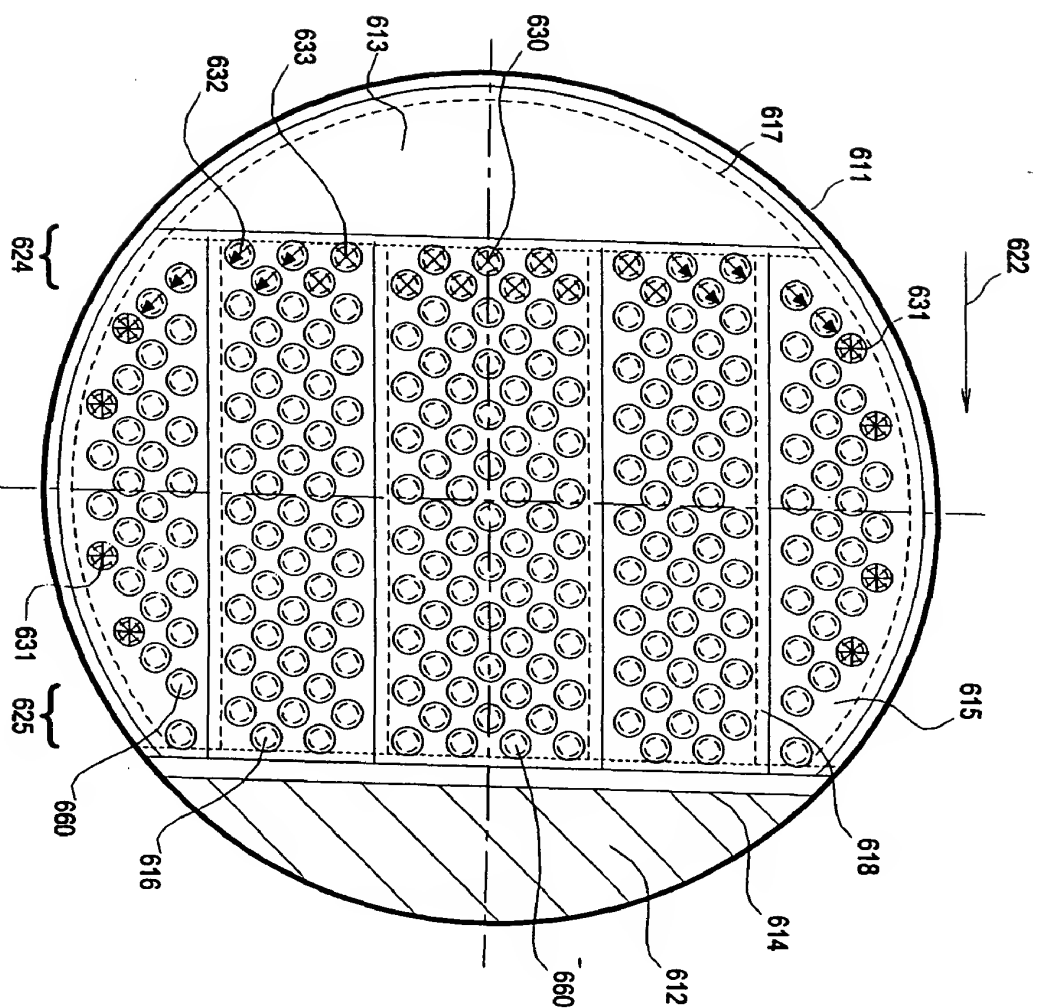


FIG. 6

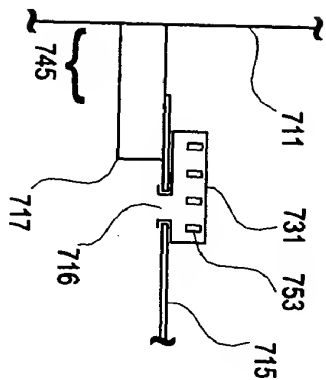


FIG. 7A

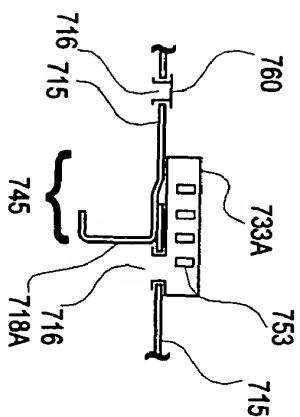


FIG. 7B

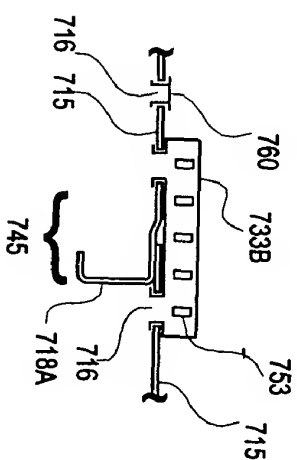


FIG. 7C

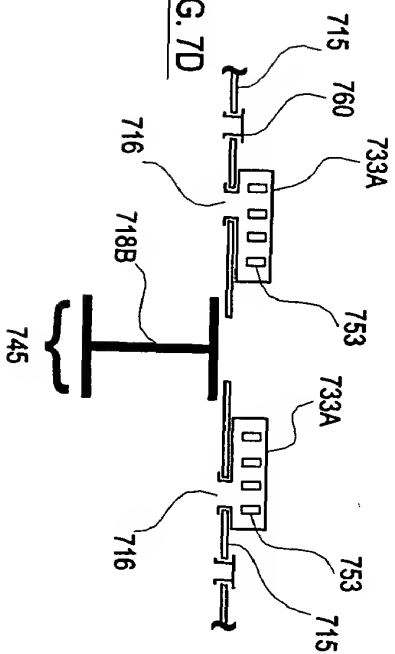


FIG. 7D

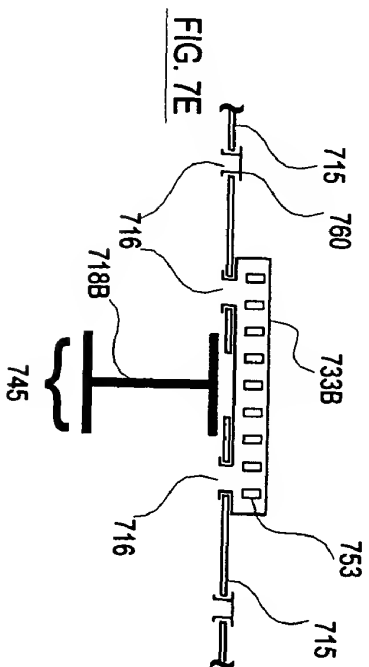


FIG. 7E

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FIG. 8A

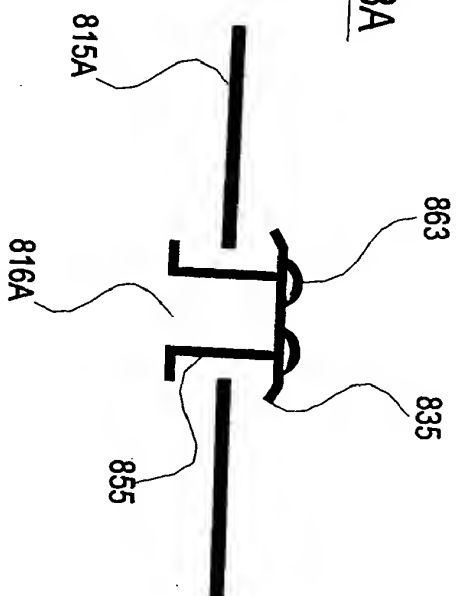
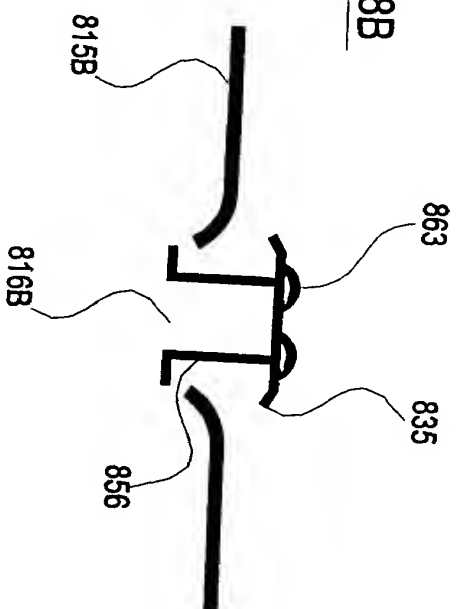


FIG. 8B



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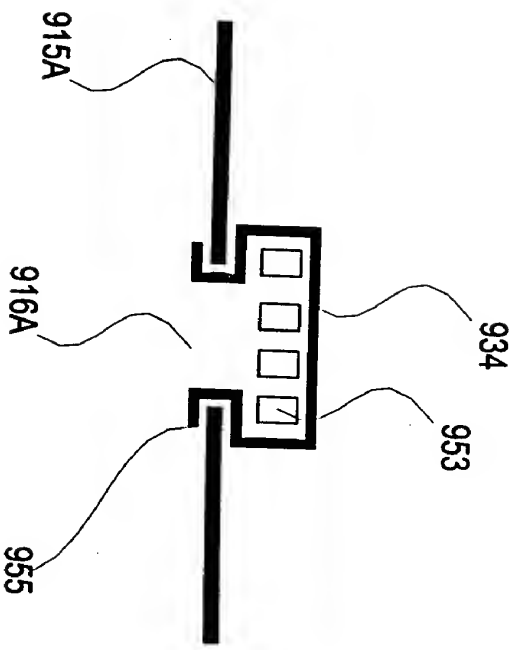


FIG. 9A

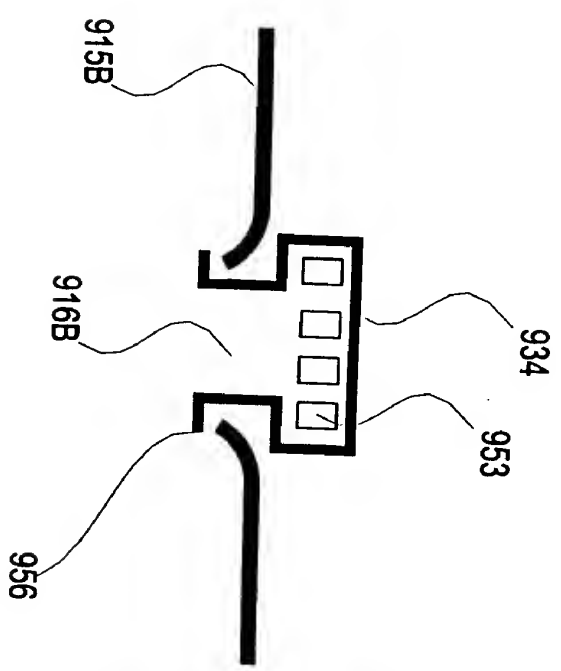
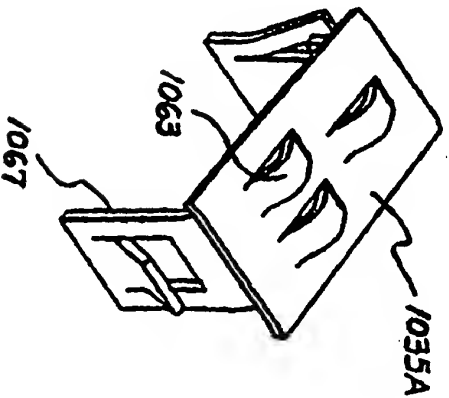
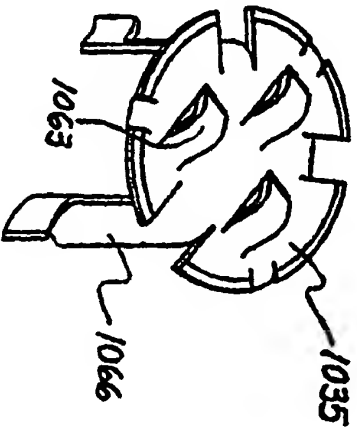
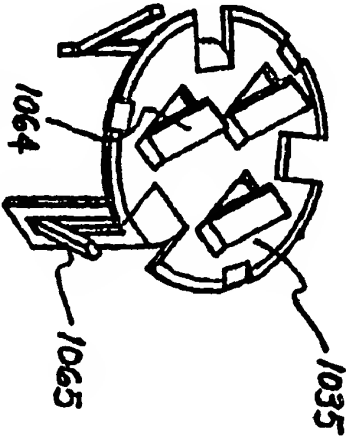
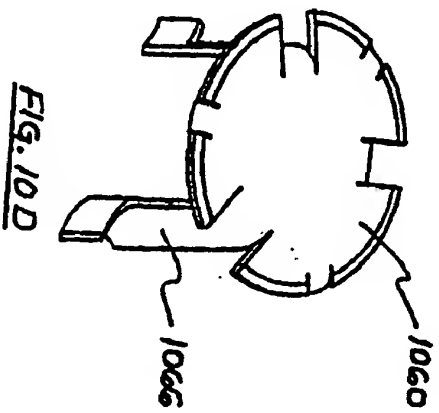
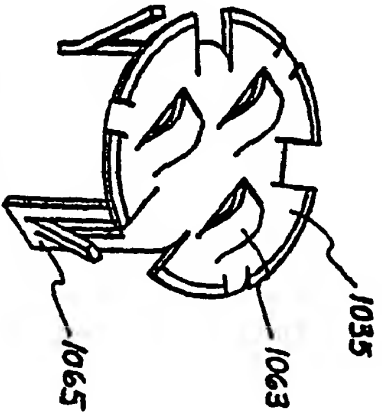


FIG. 9B

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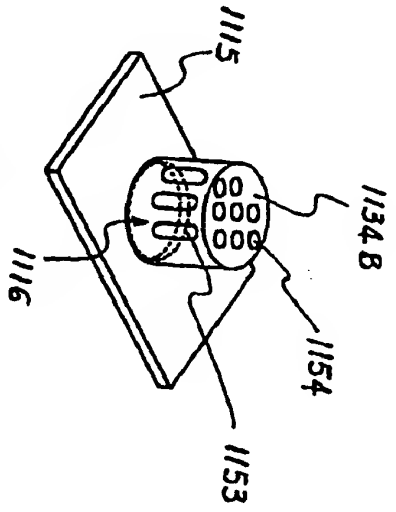


FIG. 11B

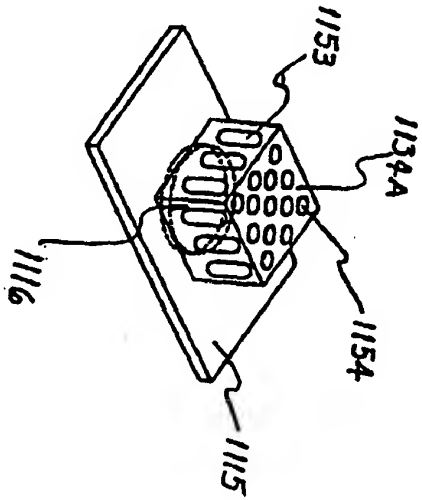


FIG. 11A

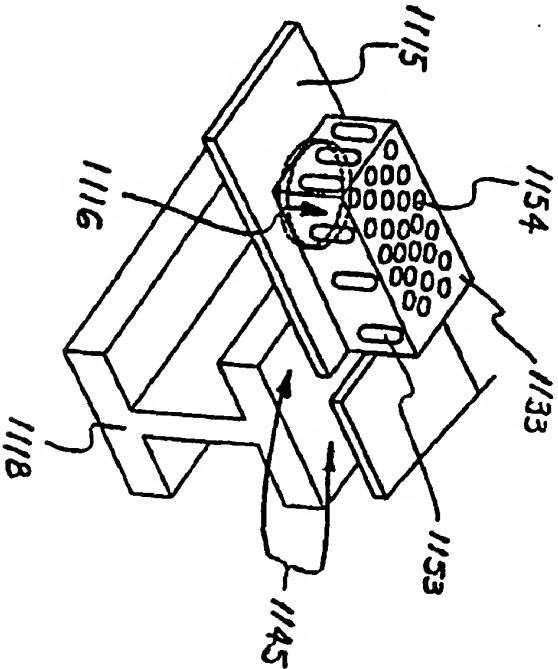


FIG. 11C

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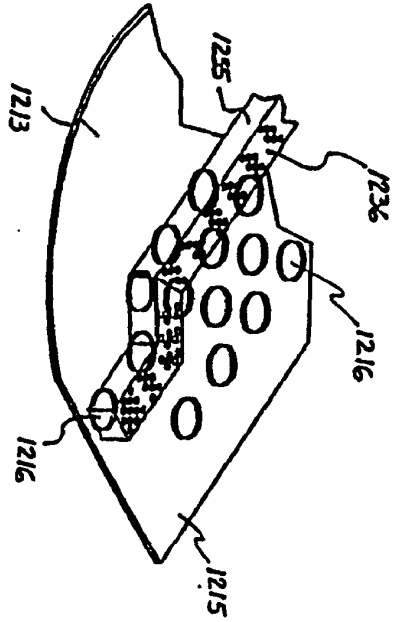


FIG. 12A

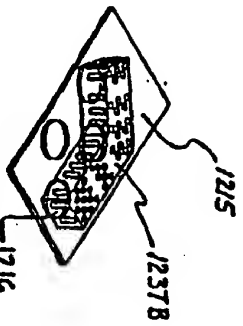


FIG. 12E

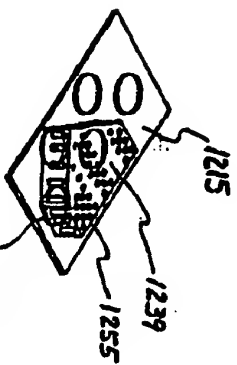


FIG. 12G

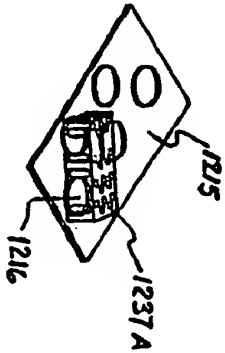


FIG. 12D

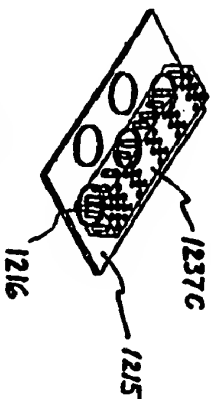


FIG. 12F

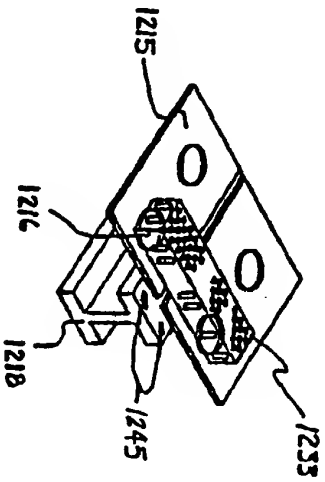


FIG. 12B

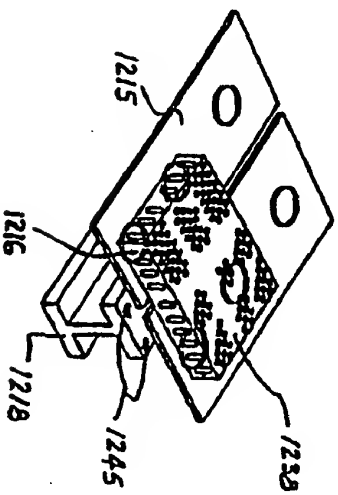


FIG. 12C



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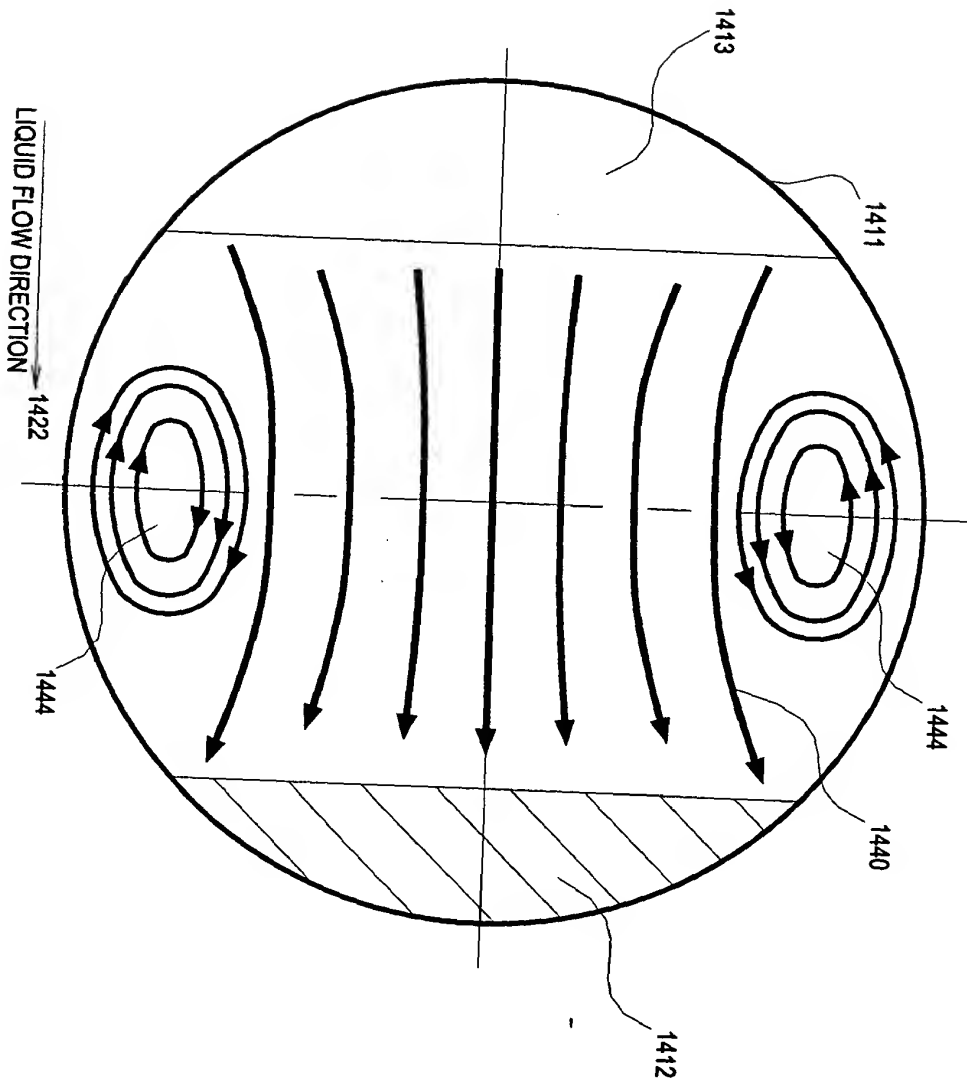
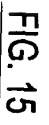
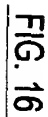


FIG. 14





LIQUID FLOW DIRECTION

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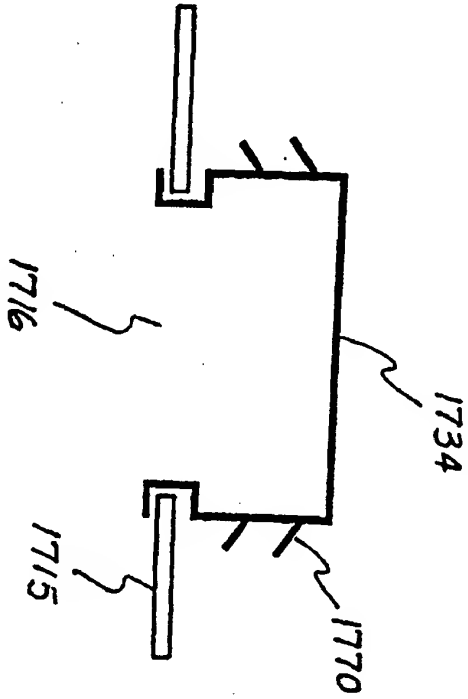


FIG. 17A

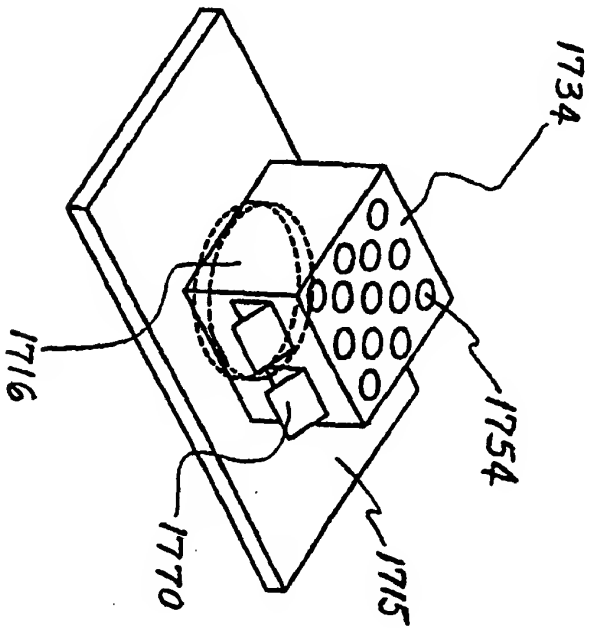


FIG. 17B

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FIG. 18A

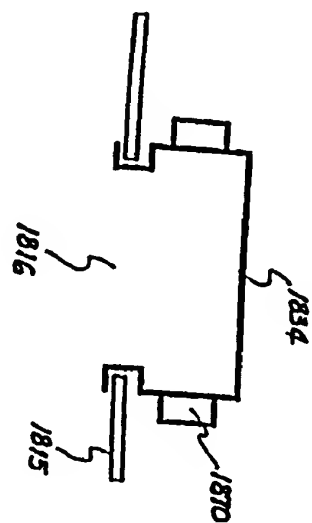


FIG. 18B

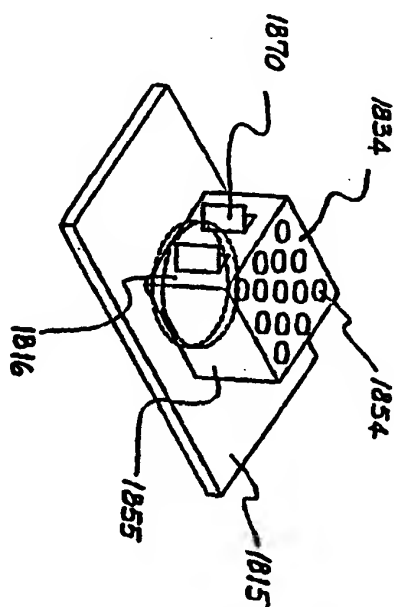


FIG. 18C

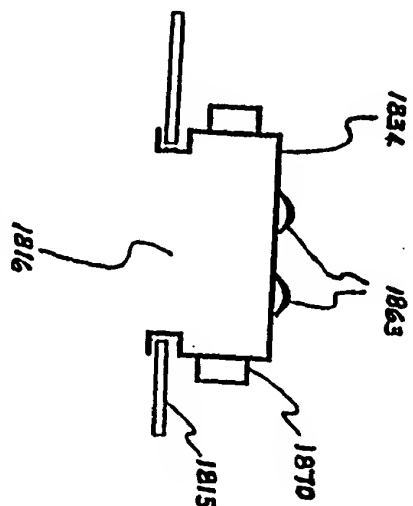
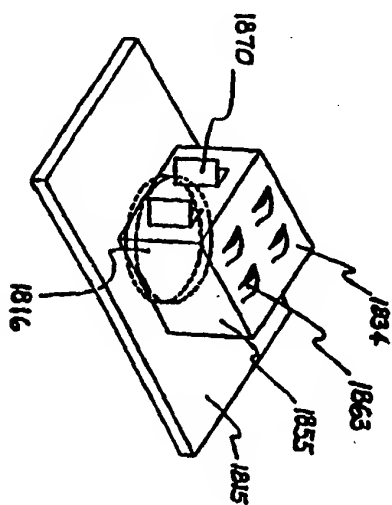


FIG. 18D



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FIG. 19

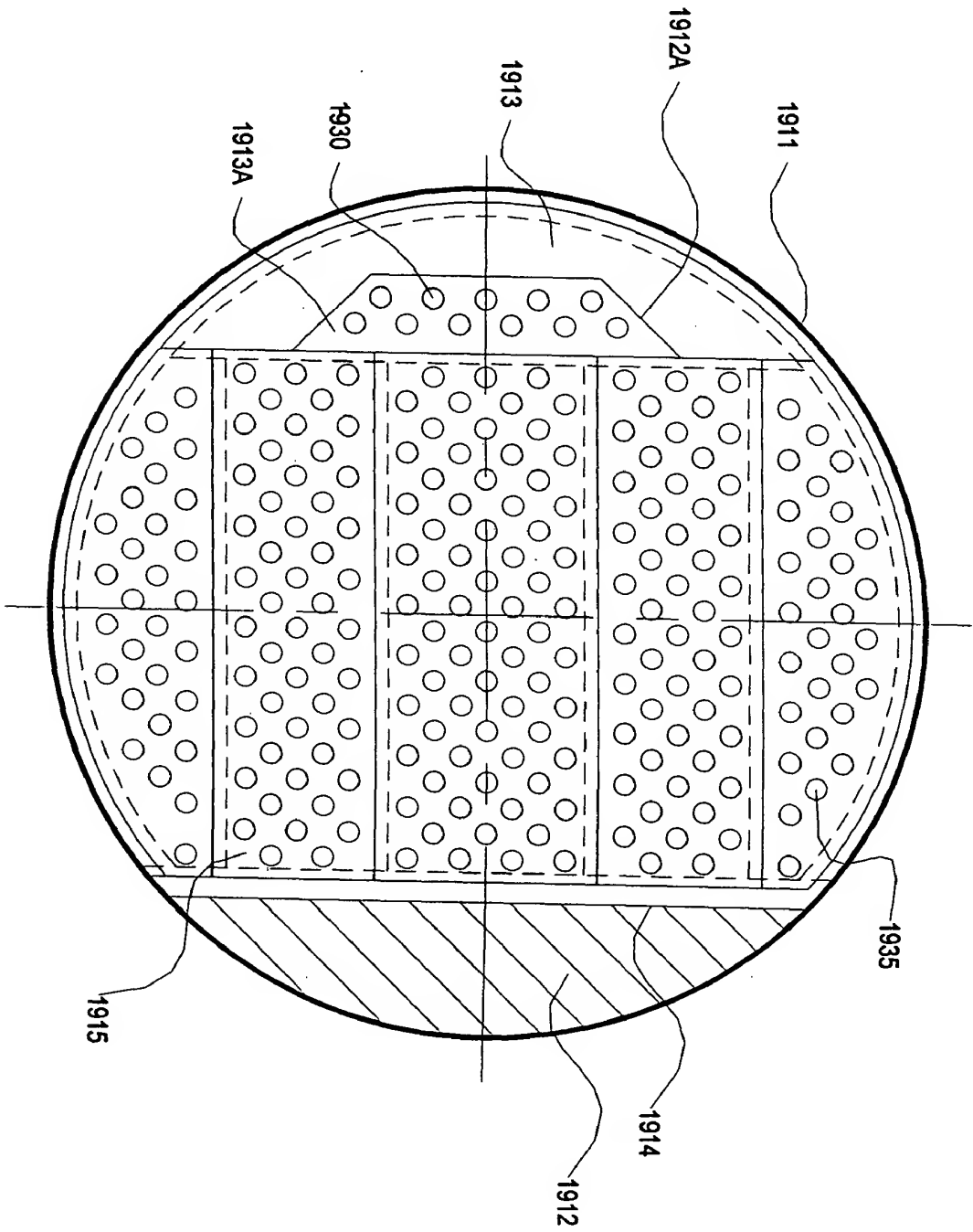


FIG. 19

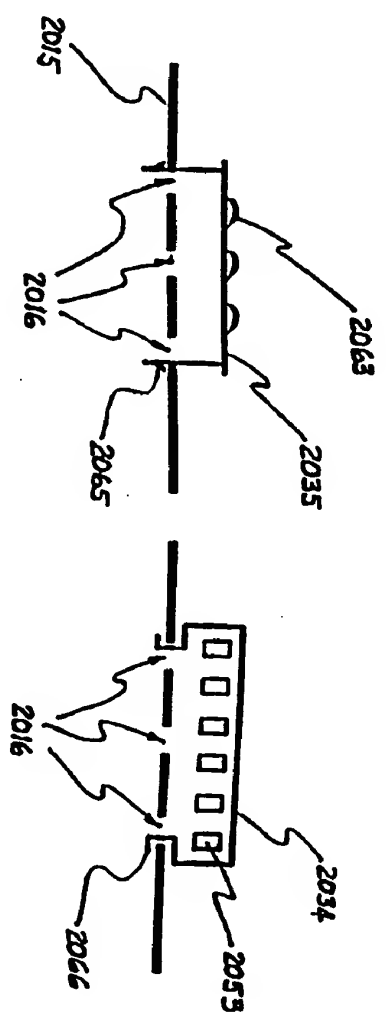


FIG. 20A

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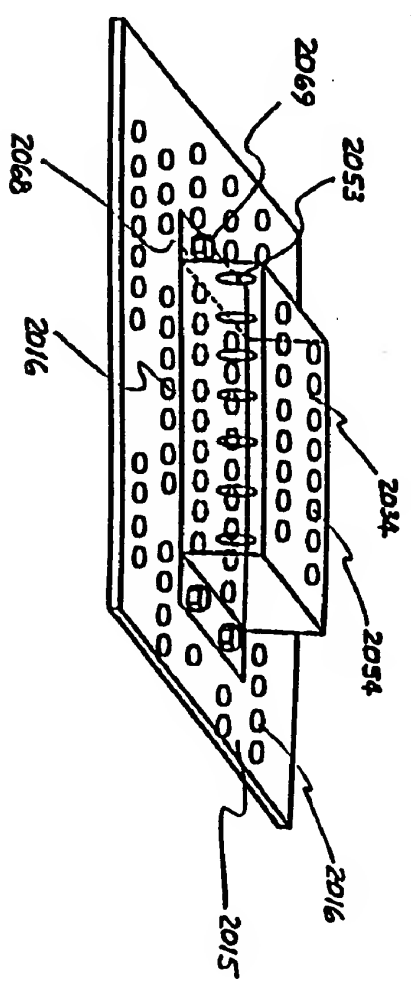


FIG. 20B